



ATTORNEY DOCKET NO. 013306-5003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re A	pplication of:)	
Ian Dui	ncan RUBIN et al.)	Group Art Unit: 1614
Applica	ation No.: 09/891,615)	Examiner: Unassigned
Filed:	June 27, 2001))	
For:	EXTRACTS COMPOUNDS & PHARMACEUTICAL COMPOSITIONS HAVING ANTI-DIABETIC ACTIVITY AND THEIR USE)))	

Commissioner of Patents and Trademarks Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed documents are enclosed. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

Applicants would also like to bring to the Examiner's attention the following applications with a common assignee and request consideration of the applications and any and all references

therein:

Application No. 09/402,962

Filing Date

CPA filed 11/1/2001

(national stage of WO 98/46243)

09/691,582

10/18/2000

(Gastric Acid Secretion)

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A copy of the 09/691,582 applications is enclosed. The 09/402,962 application is a CPA of a

national stage application of WO 98/46243. A copy of WO 98/46243 is submitted as a copy of

the 09/402,962 application.

This submission does not represent that a search has been made or that no better art exists

and does not constitute an admission that each or all of the listed documents are material or

constitute "prior art." If the Examiner applies the documents as "prior art" against any claim in

the application and Applicants determine that the cited document does not constitute "prior art"

under United States law, Applicants reserve the right to present to the office the relevant facts and

law regarding the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the patentability

of the disclosed invention over the listed documents, should one or more of the documents be

applied against the claims of the present application.

EXCEPT for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby

authorized by this paper to charge any additional fees during the entire pendency of this

application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including

any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310.

This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF

TIME in accordance with 37 C.F.R. §1.136(a)(3).

Dated: January 28, 2002

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Christine S. Lee

Reg. No. 42,788

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

PTO Form 1449

Attorney Docket No.: 013306-5003US

Application No.: 09/891,615

Applicants: Ian Duncan RUBIN et al.

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Filing Date: June 27, 2001

Group: 1614

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<u>Initial</u>	Number	Date	Name	Class	Class	Filing Date		
	4,062,950	12/13/1997	Frommer et al.	424	181			
	4,130,714	12/19/1978	Sarges_	548	309			
	4,174,439	11/13/1979	Rauenbusch et al.	536	18			
	4,251,528	02/17/1981	Brittain et al.	424	250			
	4,254,256	03/03/1981	Otani et al.	536	18			
	4,436,745	03/13/1984	York, Jr.	424	273			
	4,438,272	03/20/1984	York, Jr.	548	308			
	4,464,382	08/07/1984	Tanouchi et al.	424	270			
	4,540,704	09/10/1985	Ueda et al.	514	389			
	4,600,724	07/15/1986	Sestanj et al.	514	510			
	4,634,765	01/06/1987	Liu	536	17.4			
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	4,701,559	10/20/1987	Horii et al.	564	363			
	4,734,419	03/29/1988	Hashimoto et al.	514	259			
	4,771,050	09/13/1988	Meguro et al.	514	224.2			
	4,791,126	12/13/1988	Tanouchi et al.	514	369			
	4,831,045	05/16/1989	Tanouchi et al.	514	369			
	4,883,800	11/28/1989	Hashimoto et al.	514	259			
	4,939,140	07/03/1990	Larson et al.	514	222			
	4,980,357	12/25/1990	Goldstein et al.	514	278			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation Yes No
96/39384	12 December 1996	WO			
96/39385	12 December 1996	wo			
97/24369	10 July 1997	WO			
98/46243	22 October 1998	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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PTO Form 1449

Attorney Docket No.: 013306-5003US

Application No.: 09/891,615

Applicants: Ian Duncan RUBIN et al.

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Filing Date: June 27, 2001

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Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	5,037,831	08/06/1991	Malamas	514	278	
	5,066,659	11/19/1991	Lipinski	514	278	
	5,091,418	02/25/1992	Sawada et al.	514	569	
	5,091,524	02/25/1992	Vértesy et al.	536	18.7	
	5,157,116	10/20/1992	Ducep et al.	536	17.4	
	5,192,772	03/09/1993	Yoshikuni et al.	514	315	
	5,217,877	06/08/1993	Sawada et al.	435	64	
	5,252,572	10/12/1993	Hermecz et al.	514	258	
	5,270,342	12/14/1993	Brittain et al.	514	617	
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	5,447,946	09/05/1995	Kurono et al.	514	389	
	5,504,078	04/02/1996	Ducep et al.	514	43	
	5,728,704	03/17/1998	Mylari et al.	514	256	
	5,866,578	02/02/1999	Mylari et al.	514	256	

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	Document Number	Date	Country	Class	Sub Class	Translation Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Namiki et al., "Studies on the alpha-glucoside hydrolase inhibitor, adiposin", J. Antiobiotics, 35, pp. 1234-1236, (1982).
 J. B. Clark et al., "The diabetic Zucker fatty rat", Proc. Soc. Exp. Biol. Med. 173, pp. 68-75, (1983).
Richard G. Peterson, "alpha-Glucosidase inhibitors in diabetes: lessons from animal studies", European Journal of Clinical Investigation, 24, Suppl. 3, 11-18 (1994).
J. H. Johnson et al., "Underexpression of beta cell high K _m glucose transporters in non-insulin dependent diabetes", <u>Science</u> , 250, pp. 546-549, (1990).
Y. Lee et al., "Beta-cell lipotoxicity in the pathogenesis of non-insulin dependent diabetes mellitus of obese rats: impairment in adipocyte-beta-cell relationships", Proc. Natl. Acad. Sci. USA, 91(23), pp. 10878-10882, (1994).
J. L. Milburn et al., "Beta-cell GLUT-2 loss and non-insulin dependent diabetes mellitus: current status of the hypothesis",

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T. R. Pieber et al., "Amylin-insulin relationships in insulin resistance with and without diabetic hyperglycemia", Am. J. Physiol., 265(3 Pt. 1), pp. E446-E453, (1993).

Date Considered

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	J. Sturis et al., "Al	terations in pulsatile in	nsulin secretion i	n the Zi	ucker diabetic f	atty rat", Am	. J. Physic	ol., (267 Endo	ocrinol.
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		"Caloric restriction in			revents beta-ce	ll depletion.	loss of bet	ta-cell GLUT	-2 and
		ence", <u>Diabetologia</u> , 38							
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